

Work Order ID 144183***144183***

Page 1

Item ID: D350-607-541

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Quick Release Heli-Utility-Basket™ Long, HD Lid, Spacepod™/Squirrel Cheek Comp.

Stop ***NS2***Start Date: 5/24/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 6/6/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: SHA Date: 20160405 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D350-607-3	D								
DSI9699	A								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D350-607-541 CHG007								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.01							
Packaging									

MAY 16-05-26

DAS
27
9-89

MAY 27 2016

DAS
6
9-89DAS
28
9-89

MAY 25 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :	MRB (QSI042) Approval		
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Work Order ID 144183

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144183

Page 2

Item ID: D350-607-541 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Quick Release Heli-Utility-Basket™ Long, HD Lid, Spacepod™/Squirrel Cheek Comp.
Start Date: 5/24/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 6/6/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									
130	Pick Kit	0.00							
130									
Packaging	Memo	0.00							
Packaging	Package as per PPPD350-607-541								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

DAS
27
9-89
MAY 27 2016

DAS
27
9-89
MAY 27 2016

MS

MAY 27 2016

MS

MAY 27 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

Picklist Print

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Page 1

Work Order ID: 144183

144183

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Quick Release Heli-Utility-Basket™ Long, HD Lid, Spacepod™/Squirrel Cheek Comp.

Start Date: 5/24/2016

Required Date: 6/6/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B
11.02.09 add to install label DD verf by:EC IPP REV:C 12.03.06
AS PER ECN12-535 DD VERF:EC IPP REV:D 12.07.24 AS PER
ECN 12-610 DD VERF:EC IPP REV:E 13.08.21 CHG005 / ECN 13-
624 DD VERF:JLM IPP REV:F 14.06.09 AS PER ECN14-572 DD
VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4086-200		Manufactured	No			110	Each	12.0000	1	1			
D4086-200									**			DAS 6 9-89	DAS 28 9-89
Placard, Max Load													
	BAS 27 9-89			<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST078				12					
				139663				2					
				140764				10					
D4917-300		Manufactured	No			110	Each	14.0000	1	1			
D4917-300									**			DAS 6 9-89	DAS 28 9-89
Placard, Max Load										144496			
	BAS 27 9-89			<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST137				14					
				138526				4					
				141303				10					
D350-607-511		Manufactured	No			110	Each	2.0000	1	1			
D350-607-511									**			DAS 6 9-89	DAS 28 9-89
Quick Release Basket and Long Cargo Tube Mounting Provisions, Fits LH or RH										142813			
	BAS 27 9-89			<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				PK015				2					
				142613				2					

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Work Order ID: 144183

144183

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Quick Release Heli-Utility-Basket™ Long, HD Lid, Spacepod™/Squirrel Cheek Comp.

Start Date: 5/24/2016

Required Date: 6/6/2016

D2690-6 Manufactured No 110 Each 18.0000 Start Qty: 1.00 Required Qty: 1.00

D2690-6

Lanyard

**

145224

DAS

6

DAS

28

9-89

Location

Loc Qty

Loc Code

ST009

6

142782

6

ST012a

12

142876

12

D3912-041 Manufactured No 110 Each 4.0000

D3912-041

Eyebolt Receiver Assy

**

144827

DAS

6

DAS

28

9-89

Location

Loc Qty

Loc Code

ST057

4

139441

4

D4030-041 Manufactured No 110 Each 0.0000

D4030-041

Long Basket Assembly (350)

**

144186

DAS

6

DAS

28

9-89

D4151-041 Manufactured No 110 Each 2.0000

D4151-041

Basket Fwd Hardpoint Assembly, Lower

**

143338

DAS

6

DAS

28

9-89

Location

Loc Qty

Loc Code

ST087

2

142675

2

D4151-043 Manufactured No 110 Each 0.0000

D4151-043

Basket Fwd Hardpoint Assembly, Upper

**

143360

DAS

6

DAS

28

9-89

MAY 25 2016

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Work Order ID: 144183

144183

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Quick Release Heli-Utility-Basket™ Long, HD Lid, Spacepod™/Squirrel Cheek Comp.

Start Date: 5/24/2016

Required Date: 6/6/2016

D4150-041

Manufactured No

110 Each

7.0000

Start Qty: 1.00

Required Qty: 1.00

D4150-041

Attachment Arm Assembly

DAS
27
9-89

Location

Loc Qty

Loc Code

ST087

7

142612

6

142726

1

**

13/3343

DAS
6
9-89

DAS
28
9-89

AN4-13A

Purchased No

110 Each

506.0000

6

6

AN4-13A

Bolt

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

20

122808

20

GA

80

m134167

80

O003

300

m134497

300

ST344

106

m134260

106

**

134634

DAS
6
9-89

DAS
28
9-89

AN4C15

Purchased No

110 Each

49.0000

1

1

AN4C15

Bolt

DAS
27
9-89

Location

Loc Qty

Loc Code

over003

12

M134257

12

ST343

37

M1134567

20

M133694

17

**

DAS
6
9-89

DAS
28
9-89

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Work Order ID: 144183

144183

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Quick Release Heli-Utility-Basket™ Long, HD Lid, Spacepod™/Squirrel Cheek Comp.

Start Date: 5/24/2016

Required Date: 6/6/2016

AN310C4

Purchased

No

110

Each

83.0000

Start Qty: 1.00

Required Qty: 1.00

1 1

AN310C4

Nut

DAS

6

DAS

28

9-89

9-89

Location

Loc Qty

Loc Code

OVER007

30

M134370

30

ST331

53

M133694

3

M133990

50

MS17984-C413

Purchased

No

110

Each

53.0000

1

1

MS17984-C413

Quick Release Pin

Location

Loc Qty

Loc Code

over005

40

m133686

20

m134052

10

m134528

10

ST315

13

m134029

3

m13462710

10

MAY 25 2016

DAS

6

9-89

DAS

28

9-89

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Work Order ID: 144183

144183

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Quick Release Heli-Utility-Basket™ Long, HD Lid, Spacepod™/Squirrel Cheek Comp.

Start Date: 5/24/2016

Required Date: 6/6/2016

MS21042L4

Purchased

No

110

Each

Start Qty: 1.00
2,482.000 6 6

Required Qty: 1.00

MS21042L4

Locknut

Location

Loc Qty

Loc Code

FP001

37

m133363

37

GA

381

m133769

381

OVER007

1000

m134606

1000

ST303

967

m134055

9

m134502

958

ST305

97

m130922

97

DAS
27
9-89

DAS
28
9-89

MS24665-151

Purchased

No

110

Each

171.0000 1 1

MS24665-151

Cotter Pin

Location

Loc Qty

Loc Code

GA

64

m128401

64

ST289

107

m133769

7

m134294

100

DAS
27
9-89

DAS
28
9-89
MAY 25 2016

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Work Order ID: 144183

144183

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Quick Release Heli-Utility-Basket™ Long, HD Lid, Spacepod™/Squirrel Cheek Comp.

Start Date: 5/24/2016

Required Date: 6/6/2016

NAS1515H4L

Purchased

No

110

Each

341.0000

Start Qty: 1.00

2

2

Required Qty: 1.00

DAS

6

DAS

9-89

28

9-89

*NAS1515H4I *

Washer

DAS
27
9-89LocationLoc QtyLoc Code

FG

22

103691

2

m132189

20

ST260

319

m132767

19

m133483

200

m134376

100

**

NAS1149F0432P

Purchased

No

110

Each

1,747.000

12

12

NAS1149F0432P

WASHER

DAS
27
9-89LocationLoc QtyLoc Code

ST260a

1000

M134502

1000

ST262

626

M133990

626

st268

121

M132677

121

**

DAS
6

9-89

DAS

28

9-89

NAS1149C0463R

Purchased

No

110

Each

349.0000

3

3

NAS1149C0463R

Washer

DAS
27
9-89LocationLoc QtyLoc Code

FP001

70

m127306

70

ST260a

200

m134167

200

ST266

79

m133077

79

**

DAS
6

9-89

DAS

28

9-89

MAY 25 2016

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Work Order ID 144183

144183

Page 1

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Item ID: D350-607-541 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Quick Release Heli-Utility-Basket™ Long, HD Lid, Spacepod™/Squirrel Check Comp.
 Start Date: 5/24/2016 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 6/6/2016 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: SHA Date: 0160405 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D350-607-3	D								
DSI9699	A								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DOC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D350-607-541 CHG007								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.01							
Packaging									

MJ MAY 26 2016

5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				8	8	D3501-1	BUSHING
				2	2	D3910-3	X-TUBE LUG
				2	2	D3910-5	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1					1	D4917-300	PLACARD, MAX LOAD
1						D4086-200	PLACARD, MAX LOAD
	1				1	D4917-315	PLACARD, MAX LOAD
	1					D4086-215	PLACARD, MAX LOAD
		1			1	D4917-320	PLACARD, MAX LOAD
		1				D4086-220	PLACARD, MAX LOAD
			1		1	D4917-332	PLACARD, MAX LOAD
			1			D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
				2	2	D4775-041	STRUT ASSEMBLY
				2	2	D4776-3	SKIDTUBE CLEVIS
6	6	6	6		6	AN4-13A	BOLT
				20	22	AN4-14A	BOLT
				4	4	AN4-42A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
				2	2	AN6-13A	BOLT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	24	32	MS21042L4	NUT (OR MS21042-4)
				2	2	MS21042L6	NUT
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	40	56	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER
				4	4	NAS1149F0663P	WASHER

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Revision: D

Date: 14.01.02